
Cache Any Python Object

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CHAPTER 1

Installation

To install the *anycache* module run:

```
pip install anycache
```

If you do not have write-permissions to the python installation, try:

```
pip install anycache --user
```


CHAPTER 2

API

CHAPTER 3

Getting started

To cache the result of a function, use the global unlimited `anycache`:

```
>>> from anycache import anycache
>>> @anycache()
... def myfunc(posarg, kwarg=3):
...     print("  Calcing %r + %r = %r" % (posarg, kwarg, posarg + kwarg))
...     return posarg + kwarg
>>> myfunc(8, 10)
  Calcing 8 + 10 = 18
18
>>> myfunc(8, 10)
18
```

anycache caches nearly any python object. Also *lambda* statements. It uses [Dill](#) as backend, an improved version of python's build-in *pickle*.

Set a persistent cache directory to preserve the result between multiple python runs:

```
>>> from anycache import anycache
>>> @anycache(cachedir='/tmp/anycache.my')
... def myfunc(posarg, kwarg=3):
...     return posarg + kwarg
```

The `AnyCache` object serves additional functions for cache clearing and size handling.